IN THE U.S. PATENT OFFICE AND TRADEMARK OFFICE

In re Application of

J. Heyen Confirmation No. 4998

Serial No. 10/567,337 Examiner: Patton

Filed: 9/11/06 Art Unit: 2822

For: Multichip Circuit Module and Method for the Production Thereof

Request to Correct USPTO Records Concerning the Spelling of Applicant's Name and Request the Issuance of a Supplemental Notice of Allowance

Box: Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Attached is a copy of the Notice of Allowance mailed November 29, 2007 in which applicant's name is "misspelled". The correct spelling is:

Johann HEYEN

not Heyan as it appears on the Notice of Allowance; the correction is shown on the attached Notice of Allowance.

Also attached is the first page of WO 2005/015632 (attachment A) a copy of the executed Declaration/Power of Attorney (attachment B), both showing the correct spelling as HEYEN.

It is therefore requested that a Supplemental Notice of Allowance be forwarded to the undersigned with the correct spelling of HEYEN

If any fees are due with the filing of this request, please charge Deposit Account 50-2041.

Respectfully submitted,

Michael E. Whitham Reg. No. 32,635

Date: Dec. 13, 2007

Whitham Curtis Christofferson & Cook, PC 11491 Sunset Hills Road - #340 Reston, VA 20190 703/787-9400 CUSTOMER NO. 30743

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS PO Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

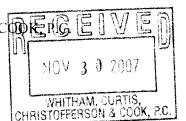
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11/29/2007

WHITHAM, CURTIS & CHRISTOFFERSON & CORRECTED SUITE 340
RESTON, VA 20190

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EXAMINER

PATTON, PAUL E

ART UNIT PAPER NUMBER

DATE MAILED: 11/29/2007

2822

APPLICATION NO FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO.

10/567,337

00/11/2006

09/11/2006

Johann Heyen Heyen

03100278AA 4998

TITLE OF INVENTION: MULTICHIP CIRCUIT MODULE AND METHOD FOR THE PRODUCTION THEREOF

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	02/29/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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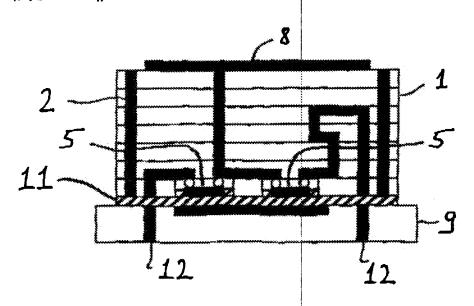
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As printed

DE

(54) Title: MULTICHIP CIRCUIT MODULE AND METHOD FOR THE PRODUCTION THEREOF

(54) Bezeichnung: MULTICHIP-SCHALTUNGSMODUL UND VERFAHREN ZUR HERSTELLUNG HIERZU



(57) Abstract: The invention relates to a multichip circuit module comprising a main board (9), at least one carrier substrate (I) mounted on said main board (9) and electrically contacting said main board and at least one semiconductor chip (5) arranged on the carrier substrate (1) that is electrically contacted with the carrier substrate (1). The carrier substrate (1) has at least one cavity (4) on an assembly surface (3) for receiving at least one semiconductor chip (5), wherein the cavity (4) has connecting contacts (6) for associated bumps (7) of the semiconductor chip (5), the at least one semiconductor chip (5) is mounted with the bumps (7) in the connecting contacts (6) using

the flip-chip-technique, the assembly surface (3) of the carrier substrate (1) is placed on a contact surface (10) of the main hoard (9) and a filling material(11) is provided between the contact surface (10) of the main board (9) and the assembly surface (3) of the carrier substrate (1).

(57) Zusemmenfassung: Bei einem Multichip-Schultungsmodul mit einer Hanptplatine (9) mindestens einem auf der Hauptplatine (9) montieren und mit der Hauptplatine (9) elektrisch kontaktierten Trägersubstrat (1) und mindestens einem Halberleiterehip (5) auf dem Trägersubstrat (1), der mit dem Trägersubstrat (1) elektrisch kontaktiert ist, hat das Trägersubstrat (1) mindestens eine Kavität (4) an einer Montageoberfläche (3) zur Aufnahme mindestehs eines Halbleiterchips (5), wobel in der Kavität (4) Anschlusskontakte (6) für zugeordnete Burnps (7) des Halbleiterchips (5) vorgesehen sind, der mindestens eine Halbleiterchip (5) in Flip-Chip-Technik mit den Bumps (7) an den Anschlusskontakten (6) montiert ist, und die Montageoberfläche (3) des Trägersubstrates (1) auf eine Kontaktoberfläche (10) der Hauptplatine (9) aufgebracht ist, und ein Füllmaterial (11) zwischen der Kontaktoberfläche (10) der Hauptplatine (9) und der Montageoberfläche (3) des Trägersubstrates (1) vorgesehen ist.

WO 2005/015632 AJ

Docket No. 03109278AA

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

	The Edition and Citizen	nship are as stated below next	to my name
I believe I am t first and joint in	he original first and actains	ntor (if only one name is listed to	
MULTICHIP CIR	CUIT MODULE AND METHOD	FOR THE PRODUCTION THER	EOF
the specification	of which		
(check one)			
is attached h	ereto.		
2 was filed on	July 20 2004	28 I Inited Ctuto A	
	lumber PCT/DE2004/001576	as United States Application N	lo. or PCT International
and was ame	ended on Fabruary 6, 200	16	
		(if applicable)	
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I acknowledge the 1.56, including for between the filing continuation-in-pa I hereby claim for application(s) for application which below and have inventor's or plant date before that of Prior Foreign Application 36 171.5	duty to disclose information or continuation-in-part application and application. reign priority benefits under continuation and application. reign priority benefits under continuation, or plant breeder's right designated at least one could also identified below, by chebreeder's rights certificate(s), the application on which priorication(s) Germany	which is material to patentability ations, material information whand the national or PCT international or PCT international or 1900 o	y as defined in 37 CFF hich became available attornal filing date of the 365(b) of any foreign any PCT International tes of America, listed application for patent, ication having a filing

Prior Foreign Application(s	<u>3</u>)		
103 36 171.5 (Number)	(Country)	07 August 2003 (Day/Month/Year Filed)	Priority Claimed
(Number)	(Country)	(Day/Month/Year Filed)	×
(Number)	(Country)	(Day/Month/Year Filed)	3
PTO-SB-01 (9-85) (Modified)	PA2.455	·	

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Page 3 of

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number) Michael E. Whitham, Reg. No. 32,635

Marshall M. Curtis, Reg. No. 33,138 Clyde R Christofferson, Reg. No. 34,138 C. Lamont Whitham, Reg. No. 22,424

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Second inventor's signature	
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